| L Number | Hits | Search Text | DB | Time stamp |
|---|---|---|---|---|
| 127 | 1 | ("20030121614").PN. | USPAT; US-PGPUB | 2003/09/26 12:54 |
| 128 | 58884 | surface adj roughness | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/26 16:38 |
| 129 | 23 | (surface adj roughness) and (discrete adj parts) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/26 12:55 |
| 130 | 63 | (surface adj roughness) and (discrete adj (parts or portions)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/26 12:55 |
| 139 | 29 | ("3957570" \| "4364787" \| "4642150" \| "4726876" \| "4925520" \| "5041073" \| "5102486" \| "5200020" \| "5224405" \| "5296080" \| "5308345" \| "5380381" \| "5407513" \| "5415716" \| "5457939" \| "5540796" \| "5545285" \| "5556504" \| "5746869" \| "5876163" \| "5938944" \| "6022443" \| "6047642" \| "6069294" \| "6086694" \| "6098557" \| "6149755" \| "6165306" \| "6250357").PN. | USPAT | 2003/09/26 13:24 |
| 140 | 30 | ("3957570" \| "4364787" \| "4642150" \| "4726876" \| "4925520" \| "5041073" \| "5102486" \| "5200020" \| "5224405" \| "5296080" \| "5308345" \| "5380381" \| "5407513" \| "5415716" \| "5457939" \| "5540796" \| "5545285" \| "5556504" \| "5746869" \| "5876163" \| "5938944" \| "6022443" \| "6047642" \| "6069294" \| "6086694" \| "6098557" \| "6149755" \| "6165306" \| "6250357" \| "6450321").PN. | USPAT | 2003/09/26 13:24 |
| 141 | 0 | 6524423.URPN. | USPAT | 2003/09/26 13:24 |
| 142 | 7 | ("2209765" \| "4061527" \| "4079875" \| "4726876" \| "5716478" \| "5759340" \| "5791219").PN. | USPAT | 2003/09/26 13:24 |
| 143 | 0 | 6523595.URPN. | USPAT | 2003/09/26 13:24 |
| 146 | 5 | 5759340.URPN. | USPAT | 2003/09/26 13:25 |
| 147 | 0 | 6544375.URPN. | USPAT | 2003/09/26 13:25 |
| 148 | 5 | ("3957570" \| "4767487" \| "5660657" \| "5759340" \| "6092802").PN. | USPAT | 2003/09/26 13:25 |
| 151 | 0 | 6533879.URPN. | USPAT | 2003/09/26 13:25 |

| | | | | |
|---|---|---|---|---|
| 152 | 92 | ("3338992" \| "3341394" \| "3371668" \| "3468748" \| "3502538" \| "3502763" \| "3542615" \| "3692618" \| "3802817" \| "3849241" \| "4061063" \| "4300562" \| "4300967" \| "4340563" \| "4371417" \| "4397704" \| "4412881" \| "4432823" \| "4486192" \| "4578133" \| "4610681" \| "4617082" \| "4639949" \| "4641381" \| "4642819" \| "4646362" \| "4648928" \| "4650532" \| "4663220" \| "4675016" \| "4687477" \| "4726873" \| "4743241" \| "4747846" \| "4786346" \| "4863542" \| "4915767" \| "4917746" \| "4940464" \| "4943340" \| "4946539" \| "5046272" \| "5055103" \| "5092861" \| "5104116" \| "5143679" \| "5147487" \| "5156793" \| "5167897" \| "5171388" \| "5180534" \| "5213645" \| "5224405" \| "5226992" \| "5230851" \| "5259902" \| "5275676" \| "5318741" \| "5326415" \| "5334152" \| "5342341" \| "5354400" \| "5385706" \| "5389173" \| "5393360" \| "5407507" \| "5413654" \| "5454803" \| "5500075" \| "5503919" \| "5509985" \| "5516392" \| "5517737" \| "5518566" \| "5525175" \| "5540672" \| "5547531" \| "5556504" \| "5622578" \| "5662636" \| "5704930" \| "5716478" \| "5732087" \| "5733401" \| "5745922" \| "5749865" \| "5749989" \| "5759340" \| "5772825" \| "5776121" \| "6287409" \| "6375769").PN. | USPAT | 2003/09/26 13:25 |
| 155 | 3 | 6375769.URPN. | USPAT | 2003/09/26 13:27 |
| 156 | 93 | ("3338992" \| "3341394" \| "3371668" \| "3468748" \| "3502538" \| "3502763" \| "3542615" \| "3692618" \| "3802817" \| "3849241" \| "4061063" \| "4300562" \| "4300967" \| "4340563" \| "4371417" \| "4397704" \| "4412881" \| "4432823" \| "4486192" \| "4578133" \| "4610681" \| "4617082" \| "4639949" \| "4641381" \| "4642819" \| "4646362" \| "4648928" \| "4650532" \| "4663220" \| "4675016" \| "4687477" \| "4726873" \| "4743241" \| "4747846" \| "4786346" \| "4863542" \| "4915767" \| "4917746" \| "4925520" \| "4940464" \| "4943340" \| "4946539" \| "5046272" \| "5055103" \| "5092861" \| "5104116" \| "5143679" \| "5147487" \| "5156793" \| "5167897" \| "5171388" \| "5180534" \| "5213645" \| "5224405" \| "5226992" \| "5230851" \| "5259902" \| "5275676" \| "5318741" \| "5326415" \| "5334152" \| "5342341" \| "5354400" \| "5385706" \| "5389173" \| "5393360" \| "5407507" \| "5413654" \| "5454803" \| "5500075" \| "5503919" \| "5509985" \| "5516392" \| "5517737" \| "5518566" \| "5525175" \| "5540672" \| "5547531" \| "5616387" \| "5622578" \| "5662636" \| "5704930" \| "5723087" \| "5733401" \| "5745922" \| "5749865" \| "5749989" \| "5755902" \| "5766411" \| "5772825" \| "5776121" \| "5938651" \| "6375769" \| "2001/0042591").PN. | USPAT | 2003/09/26 13:27 |
| 157 | 14 | ("5147487" \| "5188627" \| "5213645" \| "5634917" \| "5643396" \| "5645543" \| "5660657" \| "RE35687" \| "5745922" \| "5749989" \| "5836931" \| "5879500" \| "6315022" \| "6375769").PN. | USPAT | 2003/09/26 13:28 |
| 158 | 0 | 6521320.URPN. | USPAT | 2003/09/26 13:28 |

| | | | | |
|---|---|---|---|---|
| 159 | 34 | ("1494044" \| "1998140" \| "2397641" \| "2435945" \| "2538596" \| "3087495" \| "3142301" \| "3368563" \| "3687141" \| "3720212" \| "3901236" \| "D245546" \| "4076663" \| "4286082" \| "4302853" \| "4560381" \| "4650530" \| "D290060" \| "4690681" \| "4940464" \| "4972525" \| "4984304" \| "D315050" \| "5046272" \| "5087255" \| "5204997" \| "5255393" \| "5440764" \| "5535452" \| "5591155" \| "5595618" \| "5759340" \| "5830206" \| "6113717").PN. | USPAT | 2003/09/26 13:28 |
| 164 | 28 | ("3963557" \| "4061527" \| "4297157" \| "4464217" \| "4479836" \| "4486192" \| "4488923" \| "4523969" \| "4572043" \| "4578133" \| "4608115" \| "4610751" \| "4617082" \| "4642150" \| "4648928" \| "4704116" \| "4710187" \| "4726873" \| "4726876" \| "4762521" \| "4770656" \| "4786346" \| "4798603" \| "4925520" \| "4941939" \| "5091039" \| "5244530" \| "5275676").PN. | USPAT | 2003/09/26 13:28 |
| 165 | 13 | 5716478.URPN. | USPAT | 2003/09/26 13:29 |
| 168 | 5 | ("3957570" \| "4767487" \| "5660657" \| "5759340" \| "6092802").PN. | USPAT | 2003/09/26 13:29 |
| 169 | 0 | 6544375.URPN. | USPAT | 2003/09/26 13:29 |
| 172 | 92 | ("3338992" \| "3341394" \| "3371668" \| "3468748" \| "3502538" \| "3502763" \| "3542615" \| "3692618" \| "3802817" \| "3849241" \| "4061063" \| "4300562" \| "4300967" \| "4340563" \| "4371417" \| "4397704" \| "4412881" \| "4432823" \| "4486192" \| "4578133" \| "4610681" \| "4617082" \| "4639949" \| "4641381" \| "4642819" \| "4646362" \| "4648928" \| "4650532" \| "4663220" \| "4675016" \| "4687477" \| "4726873" \| "4743241" \| "4747846" \| "4786346" \| "4863542" \| "4915767" \| "4917746" \| "4940464" \| "4943340" \| "4946539" \| "5046272" \| "5055103" \| "5092861" \| "5104116" \| "5143679" \| "5147487" \| "5156793" \| "5167897" \| "5171388" \| "5180534" \| "5213645" \| "5224405" \| "5226992" \| "5230851" \| "5259902" \| "5275676" \| "5318741" \| "5326415" \| "5334152" \| "5342341" \| "5354400" \| "5385706" \| "5389173" \| "5393360" \| "5407507" \| "5413654" \| "5454803" \| "5500075" \| "5503919" \| "5509985" \| "5516392" \| "5517737" \| "5518566" \| "5525175" \| "5540672" \| "5547531" \| "5556504" \| "5622578" \| "5662636" \| "5704930" \| "5716478" \| "5732087" \| "5733401" \| "5745922" \| "5749865" \| "5749989" \| "5759340" \| "5772825" \| "5776121" \| "6287409" \| "6375769").PN. | USPAT | 2003/09/26 13:29 |
| 173 | 0 | 6533879.URPN. | USPAT | 2003/09/26 13:29 |

| 190 | 201 | (("3957570" \| "4364787" \| "4642150" \| "4726876" \| "4925520" \| "5041073" \| "5102486" \| "5200020" \| "5224405" \| "5296080" \| "5308345" \| "5380381" \| "5407513" \| "5415716" \| "5457939" \| "5540796" \| "5545285" \| "5556504" \| "5746869" \| "5876163" \| "5938944" \| "6022443" \| "6047642" \| "6069294" \| "6086694" \| "6098557" \| "6149755" \| "6165306" \| "6250357").PN.) or (("3957570" \| "4364787" \| "4642150" \| "4726876" \| "4925520" \| "5041073" \| "5102486" \| "5200020" \| "5224405" \| "5296080" \| "5308345" \| "5380381" \| "5407513" \| "5415716" \| "5457939" \| "5540796" \| "5545285" \| "5556504" \| "5746869" \| "5876163" \| "5938944" \| "6022443" \| "6047642" \| "6069294" \| "6086694" \| "6098557" \| "6149755" \| "6165306" \| "6250357" \| "6450321").PN.) or (("2209765" \| "4061527" \| "4079875" \| "4726876" \| "5716478" \| "5759340" \| "5791219").PN.) or 5759340.URPN. or (("3957570" \| "4767487" \| "5660657" \| "5759340" \| "6092802").PN.) or (("3338992" \| "3341394" \| "3371668" \| "3468748" \| "3502538" \| "3502763" \| "3542615" \| "3692618" \| "3802817" \| "3849241" \| "4061063" \| "4300562" \| "4300967" \| "4340563" \| "4371417" \| "4397704" \| "4412881" \| "4432823" \| "4486192" \| "4578133" \| "4610681" \| "4617082" \| "4639949" \| "4641381" \| "4642819" \| "4646362" \| "4648928" \| "4650532" \| "4663220" \| "4675016" \| "4687477" \| "4726873" \| "4743241" \| "4747846" \| "4786346" \| "4863542" \| "4915767" \| "4917746" \| "4940464" \| "4943340" \| "4946539" \| "5046272" \| "5055103" \| "5092861" \| "5104116" \| "5143679" \| "5147487" \| "5156793" \| "5167897" \| "5171388" \| "5180534" \| "5213645" \| "5224405" \| "5226992" \| "5230851" \| "5259902" \| "5275676" \| "5318741" \| "5326415" \| "5334152" \| "5342341" \| "5354400" \| "5385706" \| "5389173" \| "5393360" \| "5407507" \| "5413654" \| "5454803" \| "5500075" \| "5503919" \| "5509985" \| "5516392" \| "5517737" \| "5518566" \| "5525175" \| "5540672" \| "5547531" \| "5556504" \| "5622578" \| "5662636" \| "5704930" \| "5716478" \| "5732087" \| "5733401" \| "5745922" \| "5749865" \| "5749989" \| "5759340" \| "5772825" \| "5776121" \| "6287409" \| "6375769").PN.) or 6375769.URPN. or (("3338992" \| "3341394" \| "3371668" \| "3468748" \| "3502538" \| "3502763" \| "3542615" \| "3692618" \| "3802817" \| "3849241" \| "4061063" \| "4300562" \| "4300967" \| "4340563" \| "4371417" \| "4397704" \| "4412881" \| "4432823" \| "4486192" \| "4578133" \| "4610681" \| "4617082" \| "4639949" \| "4641381" \| "4642819" \| "4646362" \| "4648928" \| "4650532" \| "4663220" \| "4675016" \| "4687477" \| "4726873" \| "4743241" \| "4747846" \| "4786346" \| "4863542" \| "4915767" \| "4917746" \| "4925520" \| "4940464" \| "4943340" \| "4946539" \| "5046272" \| "5055103" \| "5092861" \| "5104116" \| "5143679" \| "5147487" \| "5156793" \| "5167897" \| "5171388" \| "5180534" \| "5213645" \| "5224405" \| "5226992" \| "5230851" \| "5259902" \| "5275676" \| "5318741" \| "5326415" \| "5334152" \| "5342341" \| | USPAT | 2003/09/26 13:57 |

| 191 | 14 | 4767487.URPN. | | USPAT | 2003/09/26 13:44 |
|-----|-----|----------------|--|-------|-------------------|
| 192 | 24 | 4726876.URPN. | | USPAT | 2003/09/26 13:45 |
| 193 | 27 | 4617082.URPN. | | USPAT | 2003/09/26 13:47 |
| 194 | 36 | 4578133.URPN. | | USPAT | 2003/09/26 13:50 |
| 195 | 33 | 3963557.URPN. | | USPAT | 2003/09/26 13:53 |

| 196 | 30 | ((("3957570" \| "4364787" \| "4642150" \| "4726876" \| "4925520" \| "5041073" \| "5102486" \| "5200020" \| "5224405" \| "5296080" \| "5308345" \| "5380381" \| "5407513" \| "5415716" \| "5457939" \| "5540796" \| "5545285" \| "5556504" \| "5746869" \| "5876163" \| "5938944" \| "6022443" \| "6047642" \| "6069294" \| "6086694" \| "6098557" \| "6149755" \| "6165306" \| "6250357").PN.) or (("3957570" \| "4364787" \| "4642150" \| "4726876" \| "4925520" \| "5041073" \| "5102486" \| "5200020" \| "5224405" \| "5296080" \| "5308345" \| "5380381" \| "5407513" \| "5415716" \| "5457939" \| "5540796" \| "5545285" \| "5556504" \| "5746869" \| "5876163" \| "5938944" \| "6022443" \| "6047642" \| "6069294" \| "6086694" \| "6098557" \| "6149755" \| "6165306" \| "6250357" \| "6450321").PN.) or (("2209765" \| "4061527" \| "4079875" \| "4726876" \| "5716478" \| "5759340" \| "5791219").PN.) or 5759340.URPN. or (("3957570" \| "4767487" \| "5660657" \| "5759340" \| "6092802").PN.) or (("3338992" \| "3341394" \| "3371668" \| "3468748" \| "3502538" \| "3502763" \| "3542615" \| "3692618" \| "3802817" \| "3849241" \| "4061063" \| "4300562" \| "4300967" \| "4340563" \| "4371417" \| "4397704" \| "4412881" \| "4432823" \| "4486192" \| "4578133" \| "4610681" \| "4617082" \| "4639949" \| "4641381" \| "4642819" \| "4646362" \| "4648928" \| "4650532" \| "4663220" \| "4675016" \| "4687477" \| "4726873" \| "4743241" \| "4747846" \| "4786346" \| "4863542" \| "4915767" \| "4917746" \| "4940464" \| "4943340" \| "4946539" \| "5046272" \| "5055103" \| "5092861" \| "5104116" \| "5143679" \| "5147487" \| "5156793" \| "5167897" \| "5171388" \| "5180534" \| "5213645" \| "5224405" \| "5226992" \| "5230851" \| "5259902" \| "5275676" \| "5318741" \| "5326415" \| "5334152" \| "5342341" \| "5354400" \| "5385706" \| "5389173" \| "5393360" \| "5407507" \| "5413654" \| "5454803" \| "5500075" \| "5503919" \| "5509985" \| "5516392" \| "5517737" \| "5518566" \| "5525175" \| "5540672" \| "5547531" \| "5556504" \| "5622578" \| "5662636" \| "5704930" \| "5716478" \| "5732087" \| "5733401" \| "5745922" \| "5749865" \| "5749989" \| "5759340" \| "5772825" \| "5776121" \| "6287409" \| "6375769").PN.) or 6375769.URPN. or (("3338992" \| "3341394" \| "3371668" \| "3468748" \| "3502538" \| "3502763" \| "3542615" \| "3692618" \| "3802817" \| "3849241" \| "4061063" \| "4300562" \| "4300967" \| "4340563" \| "4371417" \| "4397704" \| "4412881" \| "4432823" \| "4486192" \| "4578133" \| "4610681" \| "4617082" \| "4639949" \| "4641381" \| "4642819" \| "4646362" \| "4648928" \| "4650532" \| "4663220" \| "4675016" \| "4687477" \| "4726873" \| "4743241" \| "4747846" \| "4786346" \| "4863542" \| "4915767" \| "4917746" \| "4925520" \| "4940464" \| "4943340" \| "4946539" \| "5046272" \| "5055103" \| "5092861" \| "5104116" \| "5143679" \| "5147487" \| "5156793" \| "5167897" \| "5171388" \| "5180534" \| "5213645" \| "5224405" \| "5226992" \| "5230851" \| "5259902" \| "5275676" \| "5318741" \| "5326415" \| "5334152" \| "5342341" | USPAT | 2003/09/26 15:03 |

| | | | | |
|---|---|---|---|---|
| 197 | 1 | ("2,592,581").PN. | USPAT | 2003/09/26 14:01 |
| 198 | 30 | (US-6550517-$ or US-6524423-$ or US-6523595-$ or US-5759340-$ or US-6533879-$ or US-6521320-$ or US-5660657-$ or US-5556504-$ or US-5545285-$ or US-5308345-$ or US-5275676-$ or US-5224405-$ or US-5091039-$ or US-4941939-$ or US-4925520-$ or US-4767487-$ or US-4726876-$ or US-5021111-$ or US-4617082-$ or US-4726874-$ or US-4608115-$ or US-4578133-$ or US-4572043-$ or US-4364787-$ or US-4297157-$ or US-3963557-$).did. or (US-4610751-$ or US-5525175-$ or US-3957570-$).did. or (US-20030121614-$).did. | USPAT; US-PGPUB | 2003/09/26 14:10 |
| 199 | 7 | ((US-6550517-$ or US-6524423-$ or US-6523595-$ or US-5759340-$ or US-6533879-$ or US-6521320-$ or US-5660657-$ or US-5556504-$ or US-5545285-$ or US-5308345-$ or US-5275676-$ or US-5224405-$ or US-5091039-$ or US-4941939-$ or US-4925520-$ or US-4767487-$ or US-4726876-$ or US-5021111-$ or US-4617082-$ or US-4726874-$ or US-4608115-$ or US-4578133-$ or US-4572043-$ or US-4364787-$ or US-4297157-$ or US-3963557-$).did. or (US-4610751-$ or US-5525175-$ or US-3957570-$).did. or (US-20030121614-$).did.) and (recess or concave) | USPAT | 2003/09/26 14:10 |
| 200 | 26 | 5021111.URPN. | USPAT | 2003/09/26 14:15 |
| 201 | 2 | 5021111.URPN. and (recess$4 or concave) | USPAT | 2003/09/26 14:16 |
| 202 | 192 | purvis.xa. | USPAT | 2003/09/26 15:18 |
| 203 | 4 | ("2621434" \| "4602977" \| "5019207" \| "5111633").PN. | USPAT | 2003/09/26 14:16 |
| 204 | 4 | 4602977.URPN. | USPAT | 2003/09/26 14:22 |
| 205 | 5 | ("2107311" \| "2543220" \| "3536560" \| "3864187" \| "4309237").PN. | USPAT | 2003/09/26 14:23 |
| 226 | 1 | ("6482278").PN. | USPAT | 2003/09/26 14:52 |
| 271 | 1 | ("20020103468").PN. | USPAT; US-PGPUB | 2003/09/26 14:53 |
| 272 | 1 | ("20030116257").PN. | USPAT; US-PGPUB | 2003/09/26 14:59 |
| 273 | 3 | (("5025910") or ("5224405") or ("6139004")).PN. | USPAT; US-PGPUB | 2003/09/26 15:02 |
| 274 | 2 | 6139004.URPN. | USPAT | 2003/09/26 15:00 |
| 275 | 7 | ("3096977" \| "3689065" \| "4394898" \| "6116317" \| "6139004" \| "6325201" \| "6336492").PN. | USPAT | 2003/09/26 15:00 |
| 276 | 1 | "5080341".PN. | USPAT | 2003/09/26 15:00 |
| 277 | 7 | 5025910.URPN. | USPAT | 2003/09/26 15:01 |
| 278 | 2787 | (198/$.ccls. or 271/$.ccls.) and (pad or diaper) | USPAT | 2003/09/26 15:03 |
| 279 | 722 | ((198/$.ccls. or 271/$.ccls.) and (pad or diaper)) and (recess or concave) | USPAT | 2003/09/26 15:04 |
| 280 | 640 | (((198/$.ccls. or 271/$.ccls.) and (pad or diaper)) and (recess or concave)) and (rotary or rotate or rotating or rotation) | USPAT | 2003/09/26 15:05 |
| 287 | 4 | ("5300160" \| "5405482" \| "5478428" \| "5730816").PN. | USPAT | 2003/09/26 15:15 |
| 288 | 0 | 6450227.URPN. | USPAT | 2003/09/26 15:15 |
| 289 | 5728 | (concave or recess) near5 (label or pad) | USPAT | 2003/09/26 15:19 |
| 290 | 1995 | ((concave or recess) near3 (surface or face)) near5 (label or pad or elastic) | USPAT | 2003/09/26 15:20 |
| 291 | 1812 | ((concave or recess) near2 (surface or face)) near5 (label or pad or elastic or article) | USPAT | 2003/09/26 15:50 |

| | | | | |
|---|---|---|---|---|
| 292 | 44 | ((concave or recess) near2 (surface or face)) near5 (label or pad or elastic or article) near10 (transfer or reposition$4 or apply$4 or place) | USPAT | 2003/09/26 15:50 |
| 293 | 6 | 5853530.URPN. | USPAT | 2003/09/26 15:22 |
| 294 | 15 | ("4124429" \| "4210484" \| "4255220" \| "4267004" \| "4314869" \| "4337108" \| "4566933" \| "4581094" \| "4612079" \| "4830701" \| "4844771" \| "5022954" \| "5232540" \| "5306375" \| "5470420").PN. | USPAT | 2003/09/26 15:23 |
| 297 | 918 | ((concave or recess) near2 (surface or face)) near5 holder | USPAT | 2003/09/26 15:50 |
| 298 | 329 | (concave near2 (surface or face)) near5 holder | USPAT | 2003/09/26 15:54 |
| 299 | 17 | (concave near2 (surface or face)) near5 (label or pad or elastic or article) near10 (transfer or reposition$4 or apply$4 or place) | USPAT | 2003/09/26 15:53 |
| 300 | 10 | (concave near2 (surface or face)) near5 holder near10 (transfer or reposition$4 or apply$4 or place) | USPAT | 2003/09/26 15:52 |
| 301 | 13 | (concave near2 (surface or face)) near5 (label or pad or elastic or article) near10 holder | USPAT | 2003/09/26 15:53 |
| 302 | 9 | ((concave near2 (surface or face)) near5 holder) and (156/$.ccls. or 271/$.ccls. or 198/$.ccls.) | USPAT | 2003/09/26 15:55 |
| 305 | 31 | (US-6550517-$ or US-6524423-$ or US-6523595-$ or US-5759340-$ or US-6533879-$ or US-5660657-$ or US-5556504-$ or US-5545285-$ or US-5308345-$ or US-5275676-$ or US-5224405-$ or US-5091039-$ or US-4941939-$ or US-4925520-$ or US-4767487-$ or US-4726876-$ or US-5021111-$ or US-4617082-$ or US-4726874-$ or US-4608115-$ or US-4578133-$ or US-4572043-$ or US-4364787-$ or US-4297157-$ or US-3963557-$ or US-4610751-$).did. or (US-5525175-$ or US-3957570-$ or US-4602977-$ or US-6482278-$).did. or (US-20030121614-$).did. | USPAT; US-PGPUB | 2003/09/26 16:08 |
| 308 | 6 | ((US-6550517-$ or US-6524423-$ or US-6523595-$ or US-5759340-$ or US-6533879-$ or US-5660657-$ or US-5556504-$ or US-5545285-$ or US-5308345-$ or US-5275676-$ or US-5224405-$ or US-5091039-$ or US-4941939-$ or US-4925520-$ or US-4767487-$ or US-4726876-$ or US-5021111-$ or US-4617082-$ or US-4726874-$ or US-4608115-$ or US-4578133-$ or US-4572043-$ or US-4364787-$ or US-4297157-$ or US-3963557-$ or US-4610751-$).did. or (US-5525175-$ or US-3957570-$ or US-4602977-$ or US-6482278-$).did. or (US-20030121614-$).did.) and plasma | USPAT; US-PGPUB | 2003/09/26 16:23 |
| 311 | 4934 | (hour-glass or (hour adj glass) or hourglass) near3 shap$4 | USPAT; US-PGPUB | 2003/09/26 16:24 |
| 312 | 19 | ((hour-glass or (hour adj glass) or hourglass) near3 shap$4) near10 (recess or recessed) near10 (surface or face or portion) | USPAT; US-PGPUB | 2003/09/26 16:25 |

| 313 | 6 | (surface adj roughness) and ((US-6550517-$ or US-6524423-$ or US-6523595-$ or US-5759340-$ or US-6533879-$ or US-5660657-$ or US-5556504-$ or US-5545285-$ or US-5308345-$ or US-5275676-$ or US-5224405-$ or US-5091039-$ or US-4941939-$ or US-4925520-$ or US-4767487-$ or US-4726876-$ or US-5021111-$ or US-4617082-$ or US-4726874-$ or US-4608115-$ or US-4578133-$ or US-4572043-$ or US-4364787-$ or US-4297157-$ or US-3963557-$ or US-4610751-$).did. or (US-5525175-$ or US-3957570-$ or US-4602977-$ or US-6482278-$).did. or (US-20030121614-$).did.) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/26 16:39 |